

Call for Papers

36th Annual Loss Prevention Symposium AIChE 2002 Spring National Meeting New Orleans, Louisiana March 10-13, 2002

Overview of the Symposium

The Loss Prevention Symposium, organized by the American Institute of Chemical Engineers Safety and Health Division, Group 11A, has been held annually since 1967. The objective of the symposium is to promote safety in the chemical process and allied industries by providing a forum for practitioners from industry, academia, and government to share experiences, technological advances, and new ideas.

Original, unpublished material is preferred. Authors are encouraged to submit an Abstract. Accepted papers will be published in the Symposium Proceedings and may also be chosen for publication in the Division journal, *Process Safety Progress*. The 36th Symposium will consist of six sessions of five to six papers each. The session topics are described below.

- 1. Reducing Reactivity and Runaway Hazards** – This session encourages the sharing of new research on chemical reactivity hazards, improved methods of characterizing reactive materials, and improved methods of managing the risks associated with reactive chemicals, with special emphasis on inherently safer approaches.

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- 2. Static Electricity & Ignition Control Strategies** – In investigating fires or explosions, the search for the ignition source is often one of the most troublesome tasks. Rightly or wrongly, static electricity often receives the blame after all other credible sources have been ruled out... even though, or perhaps because, it is a phenomenon not well understood by most. This session will primarily focus on practical, proven strategies for controlling static electricity hazards in the process environment. We also invite papers addressing the control of other unique ignition source hazards.

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- 3. Fire/Explosion Hazards Protection** – Despite advances in technology, fires and explosions continue to constitute the majority of losses to the chemical process industry. This session invites papers that identify, analyze, or offer design guidance on fire or explosion hazards with a view toward the prevention or mitigation of those hazards. Novel or original approaches are encouraged.

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- 4. Flammable and Combustible Liquids Storage** – Papers are invited on Loss Prevention issues associated with the operation and maintenance of storage vessels and facilities of all sizes and services. Mitigation methods for pressurized vessels and equipment under fire conditions and related topics are especially encouraged.

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- 5. Loss Prevention Issues with Vapor Control Systems** - This session will address safety and loss prevention issues that arise due to the need to control vapor emissions from process plant equipment because of EPA regulations. These topics could include design and operating considerations for the following: vapor collection (vent manifold) systems; activated carbon systems; vent scrubbers for flammable and toxic vapors; flare systems; thermal and catalytic oxidizers; refrigerated vent condensers, etc.

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- 6. Case Histories and Lessons Learned** – Reviews of Process Safety Incidents and near misses provide valuable learning opportunities. Papers detailing incidents, near misses and lessons learned are requested.
Session Co-sponsored by Group 12d – Manufacturing Area of the Process Development Group

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To Present a Paper

Please contact the appropriate session chair and submit a typed abstract of 150-200 words by June 1, 2001. Include the names, addresses, telephone numbers and affiliations of the authors with the abstract. Electronic submissions by e-mail or computer disk are encouraged. Contact the session chair for the preferred electronic file format for diskettes. Session chairs will select papers to be presented and contact the authors by July 1, 2001. Authors of selected papers will need to complete a Proposal to Present (PTP) on the AIChE Worldwide web site by August 1, 2001. Contact the session chair to make other arrangements if you are unable to submit an electronic PTP. Final manuscripts for publication in the Symposium Proceedings are due to the session chairs by November 6, 2001.

Symposium Chair

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